RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _09/891,517A_
Source: _1FW16_
Date Processed by STIC: _6/28/05_

ENTERED

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       RAW SEQUENCE LISTING                    DATE: 06/28/2005
       PATENT APPLICATION:  US/09/891,517A     TIME: 09:24:06

       Input Set : A:\pto.da.txt
       Output Set: N:\CRF4\06282005\I891517A.raw

 5  <110> APPLICANT: KURANE, RYUICHIRO
 7         KANAGAWA, TAKAHIRO
 9         KAMAGATA, YOICHI
11         TORIMURA, MASAKI
13         KURATA, SHINYA
15         YAMADA, KAZUTAKA
17         YOKOMAKU, TOYOKAZU
21  <120> TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING
CONCENTRATIONS OF
22         NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE
23         METHOD
27  <130> FILE REFERENCE: 210352US-1994-163-0-X
31  <140> CURRENT APPLICATION NUMBER: US 09/891517A
33  <141> CURRENT FILING DATE: 2001-06-27
37  <150> PRIOR APPLICATION NUMBER: JP2000-193133
39  <151> PRIOR FILING DATE: 2000-06-27
43  <150> PRIOR APPLICATION NUMBER: JP2000-236115
45  <151> PRIOR FILING DATE: 2000-08-03
49  <150> PRIOR APPLICATION NUMBER: JP2000-292483
51  <151> PRIOR FILING DATE: 2000-09-26
55  <160> NUMBER OF SEQ ID NOS: 112
59  <170> SOFTWARE: PatentIn version 3.1
63  <210> SEQ ID NO: 1
65  <211> LENGTH: 15
67  <212> TYPE: DNA
69  <213> ORGANISM: Artificial Sequence
73  <220> FEATURE:
75  <223> OTHER INFORMATION: Synthetic DNA
77  <400> SEQUENCE: 1
78  gggggggaaaa aaaaa                                                   15
81  <210> SEQ ID NO: 2
83  <211> LENGTH: 15
85  <212> TYPE: DNA
87  <213> ORGANISM: Artificial Sequence
91  <220> FEATURE:
93  <223> OTHER INFORMATION: Synthetic DNA
95  <400> SEQUENCE: 2
96  ttttttttttc ccccc                                                  15
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101 <211> LENGTH: 17
103 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
111 <223> OTHER INFORMATION: Synthetic DNA
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P.6

RAW SEQUENCE LISTING   DATE: 06/28/2005
PATENT APPLICATION: US/09/891,517A   TIME: 09:24:06

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\06282005\I891517A.raw

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114 ctgcctcccg taggagt                                           17
117 <210> SEQ ID NO: 4
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123 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
129 <223> OTHER INFORMATION: Synthetic DNA
131 <400> SEQUENCE: 4
132 cccacatcgt tttgtctggg                                        20
135 <210> SEQ ID NO: 5
137 <211> LENGTH: 30
139 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
147 <223> OTHER INFORMATION: Synthetic DNA
149 <400> SEQUENCE: 5
150 atatatattt tttttgtttt ttttttttt                              30
153 <210> SEQ ID NO: 6
155 <211> LENGTH: 30
157 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic DNA
167 <400> SEQUENCE: 6
168 atatatattt tttttgtttt ttttttttt                              30
171 <210> SEQ ID NO: 7
173 <211> LENGTH: 30
175 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
183 <223> OTHER INFORMATION: Synthetic DNA
185 <400> SEQUENCE: 7
186 atatatattt tttttttgtt ttttttttt                              30
189 <210> SEQ ID NO: 8
191 <211> LENGTH: 30
193 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
201 <223> OTHER INFORMATION: Synthetic DNA
203 <400> SEQUENCE: 8
204 atatatattt ttttttttgt ttttttttt                              30
207 <210> SEQ ID NO: 9
209 <211> LENGTH: 30
211 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetic DNA
221 <400> SEQUENCE: 9
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RAW SEQUENCE LISTING   DATE: 06/28/2005
PATENT APPLICATION: US/09/891,517A   TIME: 09:24:06

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\06282005\I891517A.raw

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222 atatatattt tttttctttt tttttttttt                                      30
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231 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic DNA
239 <400> SEQUENCE: 10
240 atatatattt tttttctttt tttttttttt                                      30
243 <210> SEQ ID NO: 11
245 <211> LENGTH: 30
247 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
255 <223> OTHER INFORMATION: Synthetic DNA
257 <400> SEQUENCE: 11
258 atatatattt tttttttctt tttttttttt                                      30
261 <210> SEQ ID NO: 12
263 <211> LENGTH: 30
265 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
273 <223> OTHER INFORMATION: Synthetic DNA
275 <400> SEQUENCE: 12
276 atatatattt ttttttttct tttttttttt                                      30
279 <210> SEQ ID NO: 13
281 <211> LENGTH: 30
283 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
291 <223> OTHER INFORMATION: Synthetic DNA
293 <400> SEQUENCE: 13
294 atatatattt tttttttttc tttttttttt                                      30
297 <210> SEQ ID NO: 14
299 <211> LENGTH: 18
301 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetic DNA
311 <400> SEQUENCE: 14
312 aacaaaaaaa atatatat                                                   18
315 <210> SEQ ID NO: 15
317 <211> LENGTH: 18
319 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
327 <223> OTHER INFORMATION: Synthetic DNA
329 <400> SEQUENCE: 15
330 acaaaaaaaa atatatat                                                   18
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RAW SEQUENCE LISTING   DATE: 06/28/2005
PATENT APPLICATION: US/09/891,517A   TIME: 09:24:06

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\06282005\I891517A.raw**

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333 <210> SEQ ID NO: 16
335 <211> LENGTH: 18
337 <212> TYPE: DNA
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347 <400> SEQUENCE: 16
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351 <210> SEQ ID NO: 17
353 <211> LENGTH: 18
355 <212> TYPE: DNA
357 <213> ORGANISM: Artificial Sequence
361 <220> FEATURE:
363 <223> OTHER INFORMATION: Synthetic DNA
365 <400> SEQUENCE: 17
366 aaaaaaaaaa atatatat                                              18
369 <210> SEQ ID NO: 18
371 <211> LENGTH: 18
373 <212> TYPE: DNA
375 <213> ORGANISM: Artificial Sequence
379 <220> FEATURE:
381 <223> OTHER INFORMATION: Synthetic DNA
383 <400> SEQUENCE: 18
384 aagaaaaaaa atatatat                                              18
387 <210> SEQ ID NO: 19
389 <211> LENGTH: 18
391 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence
397 <220> FEATURE:
399 <223> OTHER INFORMATION: Synthetic DNA
401 <400> SEQUENCE: 19
402 agaaaaaaaa atatatat                                              18
405 <210> SEQ ID NO: 20
407 <211> LENGTH: 18
409 <212> TYPE: DNA
411 <213> ORGANISM: Artificial Sequence
415 <220> FEATURE:
417 <223> OTHER INFORMATION: Synthetic DNA
419 <400> SEQUENCE: 20
420 gaaaaaaaaa atatatat                                              18
423 <210> SEQ ID NO: 21
425 <211> LENGTH: 20
427 <212> TYPE: DNA
429 <213> ORGANISM: Artificial Sequence
433 <220> FEATURE:
435 <223> OTHER INFORMATION: Synthetic DNA
437 <400> SEQUENCE: 21
438 tatatatata tttttggggg                                            20
441 <210> SEQ ID NO: 22
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RAW SEQUENCE LISTING   DATE: 06/28/2005
PATENT APPLICATION: US/09/891,517A   TIME: 09:24:06

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\06282005\I891517A.raw

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445 <212> TYPE: DNA
447 <213> ORGANISM: Artificial Sequence
451 <220> FEATURE:
453 <223> OTHER INFORMATION: Synthetic DNA
455 <400> SEQUENCE: 22
456 tatatatata tttttttgggg                                          20
459 <210> SEQ ID NO: 23
461 <211> LENGTH: 20
463 <212> TYPE: DNA
465 <213> ORGANISM: Artificial Sequence
469 <220> FEATURE:
471 <223> OTHER INFORMATION: Synthetic DNA
473 <400> SEQUENCE: 23
474 tatatatata tttttttggg                                           20
477 <210> SEQ ID NO: 24
479 <211> LENGTH: 20
481 <212> TYPE: DNA
483 <213> ORGANISM: Artificial Sequence
487 <220> FEATURE:
489 <223> OTHER INFORMATION: Synthetic DNA
491 <400> SEQUENCE: 24
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495 <210> SEQ ID NO: 25
497 <211> LENGTH: 20
499 <212> TYPE: DNA
501 <213> ORGANISM: Artificial Sequence
505 <220> FEATURE:
507 <223> OTHER INFORMATION: Synthetic DNA
509 <400> SEQUENCE: 25
510 tatatatata ttttttttttg                                          20
513 <210> SEQ ID NO: 26
515 <211> LENGTH: 20
517 <212> TYPE: DNA
519 <213> ORGANISM: Artificial Sequence
523 <220> FEATURE:
525 <223> OTHER INFORMATION: Synthetic DNA
527 <400> SEQUENCE: 26
528 tatatatata tttttccccc                                           20
531 <210> SEQ ID NO: 27
533 <211> LENGTH: 20
535 <212> TYPE: DNA
537 <213> ORGANISM: Artificial Sequence
541 <220> FEATURE:
543 <223> OTHER INFORMATION: Synthetic DNA
545 <400> SEQUENCE: 27
546 tatatatata tttttttcccc                                          20
549 <210> SEQ ID NO: 28
551 <211> LENGTH: 20
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/28/2005
PATENT APPLICATION: US/09/891,517A   TIME: 09:24:07

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\06282005\I891517A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:65; N Pos. 17
Seq#:81; N Pos. 2

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 22

VERIFICATION SUMMARY　　　　　　　　　DATE: 06/28/2005
PATENT APPLICATION:　**US/09/891,517A**　　TIME: 09:24:07

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\06282005\I891517A.raw**

L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:1539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0